

**WHAT IS CLAIMED IS:**

1. An apparatus for activating an ionizable product comprising:

means for generating a magnetic field; and

5 means for applying plasma particles by corona discharge to the

ionizable product placed on the means for generating the magnetic field.

2. An apparatus as set forth in claim 1 wherein the north pole of the

means for generating the magnetic field is directed toward the means for

10 applying plasma particles.

3. An apparatus as set forth in claim 1 wherein the means for generating

the magnetic field comprises permanent magnets and magnetically permeable

plates between which the permanent magnets are inserted.

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4. An apparatus as set forth in claim 3 wherein the permanent magnets

and the magnetically permeable plates are alternately layered.

5. An apparatus as set forth in claim 3 wherein the means for generating

20 the magnetic field has a plate on which the ionizable product is placed, and the

plate is positioned a predetermined distance apart from an uppermost

magnetically permeable plate.

6. An apparatus as set forth in claim 4 wherein the means for generating

25 the magnetic field has a plate on which the ionizable product is placed, and the

plate is positioned a predetermined distance apart from an uppermost

magnetically permeable plate.

7. An apparatus as set forth in claim 1 wherein the means for generating the magnetic field is adapted to be freely movable forward and backward relative to the means for applying the plasma particles.